

# DATA SHEET

## 34x34mm Radial Square Size Varistor

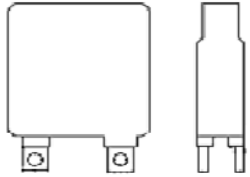
**Serie: W11009**

**Voltage: 102= 1000Volt**

|  |               |
|--|---------------|
| <b>34x34mm Radial Square Size Varistor</b> |               |
| Serie No.:                                 | <b>W11009</b> |
| Customer:                                  |               |

|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 25.03.2020 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. |      | 1 from 5   |

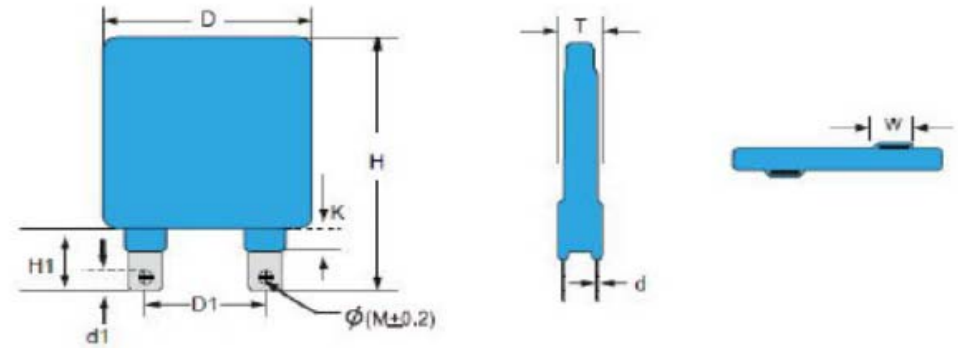
# EDCON-COMPONENTS



## Technical and Electrical Specification

Operating Temperature: . -40°C ~ +85°C  
 Storage Temperature: . -40°C ~ +125°C  
 Leakage Current: . @+25°C, ≤ 20µA; @+85°C, ≤ 40µA  
 Relation between temperature and Max AC Voltage or DC voltage.

## Technical Dimensions



## Rating and Characteristics

| Varistor Serie | Voltage Code      | Max. Allowable Voltage Uc (V) |                 |
|----------------|-------------------|-------------------------------|-----------------|
|                |                   | V <sub>RMS</sub>              | V <sub>DC</sub> |
| W11009         | V 1ma (V)<br>1000 | 625                           | 825             |

| Clamping Voltage 1 Up1 |         | Typical Capacitance (1Khz (pf)) |
|------------------------|---------|---------------------------------|
| VP1 (V)                | IP1 (A) | 1700                            |
| 1650                   | 300     |                                 |

| Peak Curent In (KA)<br>8/20µS | Max. Peak Curent Imax.<br>(KA) | Max. Energy W (J) 2ms |
|-------------------------------|--------------------------------|-----------------------|
| 20                            | 40                             | 1040                  |

Dims. (mm)

|            |      |
|------------|------|
| H max.     | 56,6 |
| H1 max.    | 14,5 |
| D max.     | 40   |
| D1 max.    | 25,4 |
| T max.     | 11,2 |
| d +/- 0,1  | 0,5  |
| d1 +/- 0,1 | 3,7  |
| K max.     | 3m2  |
| W (+-0,5)  | 7,0  |
| M (+/-0,2) | 3,2  |

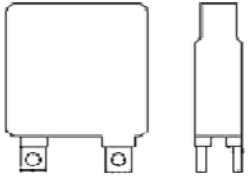
**34x34mm Radial Square Size Varistor**

Part No.: **W11009**

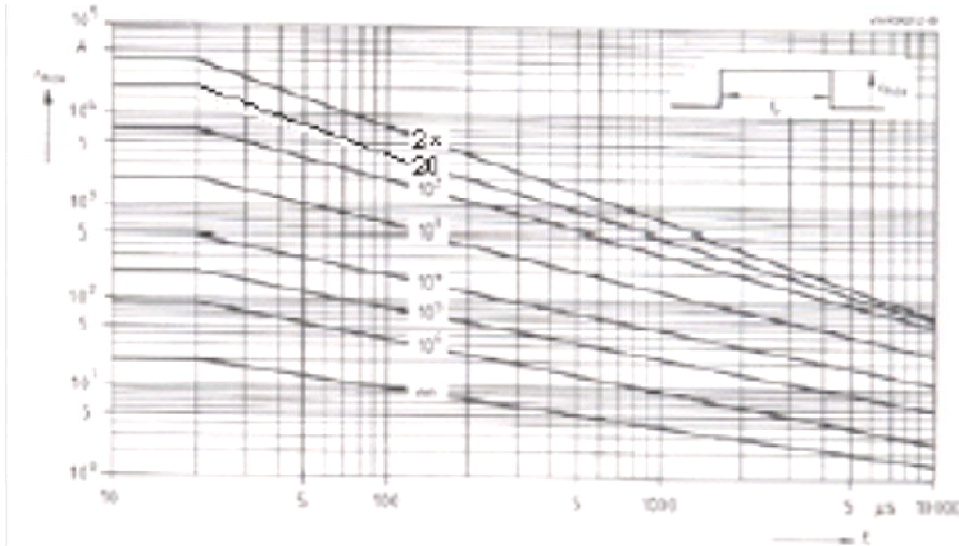
|       |        |      |        |        |        |           |           |      |            |
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Customer:

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## Max. Peak Current Derating Curve



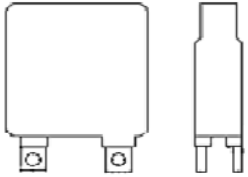
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[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

# EDCON-COMPONENTS



## Ordering Informations

| Serie | Voltage | Tolerance | Lead function | ROHS | Packing Code |  |  |  |  |  |
|-------|---------|-----------|---------------|------|--------------|--|--|--|--|--|
|-------|---------|-----------|---------------|------|--------------|--|--|--|--|--|

|               |            |          |           |          |           |  |  |  |  |  |
|---------------|------------|----------|-----------|----------|-----------|--|--|--|--|--|
| <b>W11009</b> | <b>102</b> | <b>K</b> | <b>XX</b> | <b>R</b> | <b>BU</b> |  |  |  |  |  |
|---------------|------------|----------|-----------|----------|-----------|--|--|--|--|--|

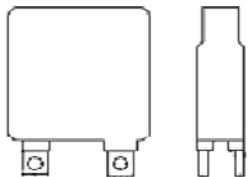
|                         |                    |                        |  |   |  |  |
|-------------------------|--------------------|------------------------|--|---|--|--|
| <b>102=</b><br>1000Volt | <b>K=</b> Tol. 10% | <b>XX=</b> No Function | <b>R=</b> ROHS Conform<br><b>N=</b> NON ROHS Conform | <b>BU=</b> Bulk Ware<br><b>IV=</b> Individual Packing |  |  |
|-------------------------|--------------------|------------------------|--|---|--|--|

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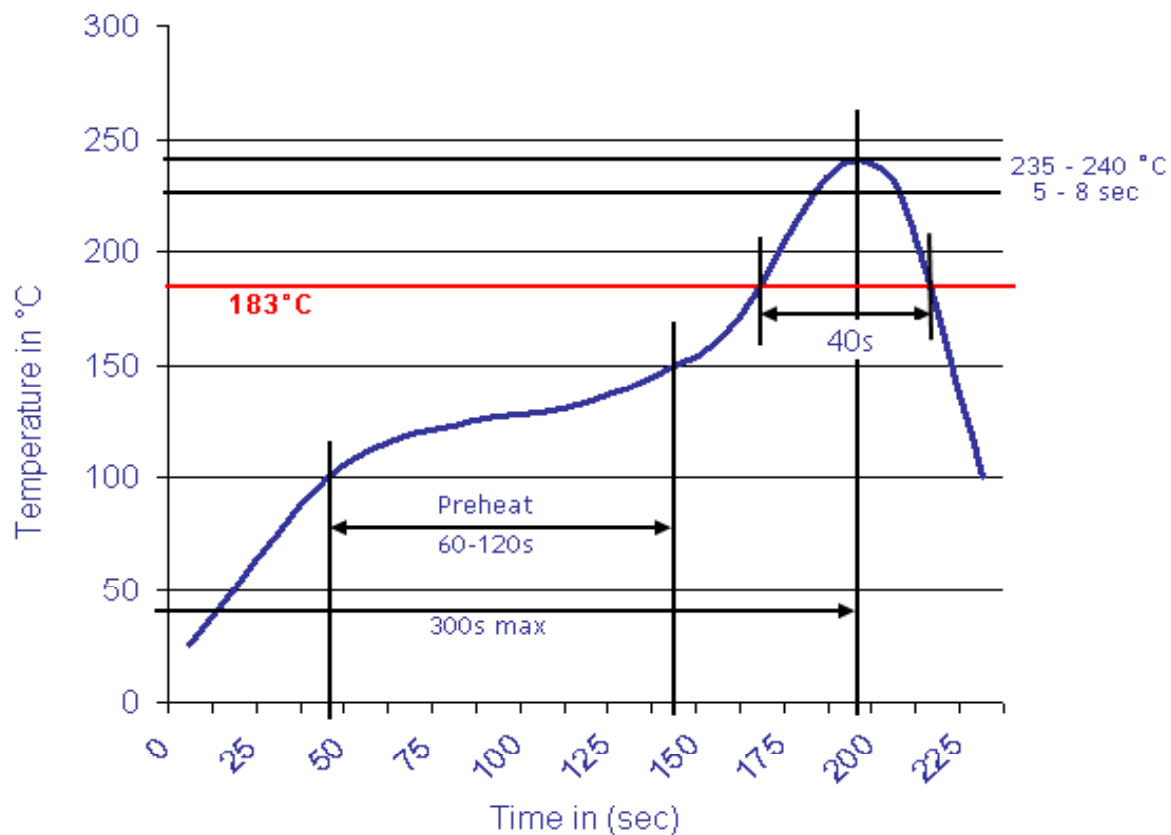
[www.edcon-components.com](http://www.edcon-components.com)

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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



|  |               |
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